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Anti-PEG Antibody (Clone 09F02)

Mouse Monoclonal Antibody
Catalog # ABV10780

Specification

Anti-PEG Antibody (Clone 09F02) - Product Information

Application	**E**
Reactivity	**All Species**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG3κ**

Anti-PEG Antibody (Clone 09F02) - Additional Information

Positive Control **3 PEG Conj µgates (20 kDa, 5 kDa, 10 kDa)**

Other Names
Polyethylene Glycol

Target/Specificity
PEG

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
1 mg/ml in 0.1 M Sodium Acetate/0.15 M NaCl, pH 5.0

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Anti-PEG Antibody (Clone 09F02) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-PEG Antibody (Clone 09F02) - Protein Information

Anti-PEG Antibody (Clone 09F02) - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PEG Antibody (Clone 09F02) - Images

Anti-PEG Antibody (Clone 09F02) - Background

Polyethylene Glycol (PEG) is a polymer of ethylene oxide available in size variants from 400 Da to 40 kDa. It is nonionic, nontoxic, biocompatible, strong, hydrophilic and has a large exclusion volume in aqueous solution. PEG has a number of industrial and biomedical applications. The modification of a biopharmaceutical with PEG increases its hydrodynamic radius, reduces immunogenicity and proteolytic cleavage. In particular, therapeutic proteins are conj µgated with PEG to slow down their clearance from circulation and improve bioavailability. PEG antibodies can be a vital tool for propelling therapeutics to market by serving as a positive control anti-dr µg antibody, measuring clearance of a dr µg, or simply as a QA release confirming PEGylation.